

Wilson and others as "the enchanted rock," consists of a rather coarse-grained granite. I obtained specimens of the granite from some friends of mine who were on the spot, and ascertained also that beds of limestone extended to the very base of the rock. This fact, in connexion with the other one, that on the San Saba river, silver-mines have been worked formerly by the Spaniards in a plutonic rock, seem to lead to the supposition that here, on the tributaries of the Colorado, we arrive at the boundary where the stratified rocks of the east side of the continent come in contact with the crystalline masses of the Rocky Mountains. If this supposition is correct, it follows that the cretaceous formation is the only one of the whole series of stratified rocks which exists in this part of Texas. From the facts observed in Texas, we derive additional confirmation of the hypothesis long since made with great sagacity by M. Leopold von Buch and never refuted, that the oolite series of Europe have no equivalent on the American continent.

In the course of this summer I hope to extend my investigations to other parts of the country, and may be able then to give your readers some more satisfactory information about its geological relations.—*Silliman's American Journal*, Nov. 1846.

METEOROLOGICAL OBSERVATIONS FOR APRIL 1847.

*Chiswick*.—April 1. Slight haze : sleet and hail-showers : frosty. 2. Overcast. 3. Cloudy and cold : rain. 4. Overcast. 5. Cloudy : fine. 6. Cloudy : rain at night. 7. Cloudy : rain. 8. Rain : cloudy : clear. 9. Clear and cold. 10. Cloudy : fine. 11. Uniformly overcast : rain. 12. Rain : cloudy. 13. Densely clouded. 14. Bleak and cold : slight hail-showers. 15. Snow and hail : clear, cold and dry : sharp frost at night. 16. Sharp frost : clear and cold. 17. Frosty and foggy : cold and dry. 18. Clear. 19. Clear : cloudy : slight frost. 20. Foggy : fine, with sun : cloudy. 21. Clear : overcast. 22. Cold haze : frosty. 23. Fine : clear at night. 24. Slight haze : fine, with sun : frosty. 25. Foggy : fine. 26. Rain : overcast. 27. Boisterous, with showers. 28. Fine : showery. 29. Heavy showers, partly hail : thunder. 30. Clear : heavy clouds and showers.

Mean temperature of the month .....	44° 28
Mean temperature of April 1846 .....	47 36
Mean temperature of April for the last twenty years ...	47 20
Average amount of rain in April .....	1 47 inch.

*Boston*.—April 1. Cloudy : snow A.M. and P.M. : rain yesterday. 2. Cloudy : large fall of snow A.M. : rain P.M. 3. Cloudy : snow A.M. : rain P.M. 4—6. Fine. 7. Cloudy. 8. Rain : rain early A.M. : stormy, with rain P.M. 9. Stormy. 10. Fine. 11. Fine : rain A.M. and P.M. 12, 13. Cloudy. 14. Fine. 15. Cloudy : snow-showers. 16. Fine. 17, 18. Fine : ice this morning. 19. Cloudy. 20—23. Fine. 24. Fine : rain P.M. 25. Cloudy : rain and hail P.M. 26. Rain : rain A.M. 27. Windy : rain P.M. 28. Windy. 29. Fine. 30. Cloudy : thunder and rain P.M.

*Sandwick Manse, Orkney*.—April 1. Snowing : snow. 2. Snowing : showers : snow-showers. 3. Cloudy. 4. Bright : damp. 5. Sleet-showers : showers. 6. Bright : showers. 7. Bright : hail-showers : aurora. 8. Rain : showers. 9. Showers : clear : aurora. 10. Clear. 11. Clear : rain. 12. Bright : cloudy. 13. Snow-showers : cloudy. 14, 15. Cloudy. 16. Clear : cloudy. 17. Showers : clear. 18. Showers : cloudy. 19. Fine : clear. 20. Showers : clear. 21. Cloudy : clear : frost. 22. Bright : cloudy. 23. Bright : showers. 24. Showers : drops. 25. Bright : cloudy. 26. Bright : clear. 27. Bright : rain. 28. Showers : drizzle. 29, 30. Bright : clear.